
Section 22 Massachusetts

List of 1980 and 1985 Interbasin Transfers

November 1988



**US Army Corps
of Engineers**
New England Division

SUMMARY

The Commonwealth of Massachusetts, Executive Office of Environmental Affairs, Water Resources Commission (EOEA, WRC) requested that the Basin Management Branch of the Planning Division, U.S. Army Corps of Engineers update the February 1984 "List of 1980 Interbasin Transfers" published by EOEA, WRC. This update was prepared under authority of Section 22 of the Water Resources Development Act (PL 93-251) of 1974, as amended.

This report lists all interbasin transfers (transfers of water or wastewater from one of Massachusetts 28 defined river basins to another) occurring in the years 1980 and 1985. Specific withdrawal and discharge points and the rates of the transfers in 1980 and 1985 have been described. The transfers, sorted by basin, include transfers into a basin, transfers out of a basin, and transfers into and then out of a basin.

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LIST OF 1980 AND 1985 INTERBASIN TRANSFERS

I. AUTHORITY

The authority for the preparation of this report is contained in Section 22 of the Water Resources Development Act (PL 93-251) of 1974, as amended. Section 22 reads in part as follows: "...The Secretary of the Army, acting through the Chief of Engineers, is authorized to cooperate with any State in the preparation of comprehensive plans for the development, utilization and conservation of the water and related resources..."

II. PURPOSE

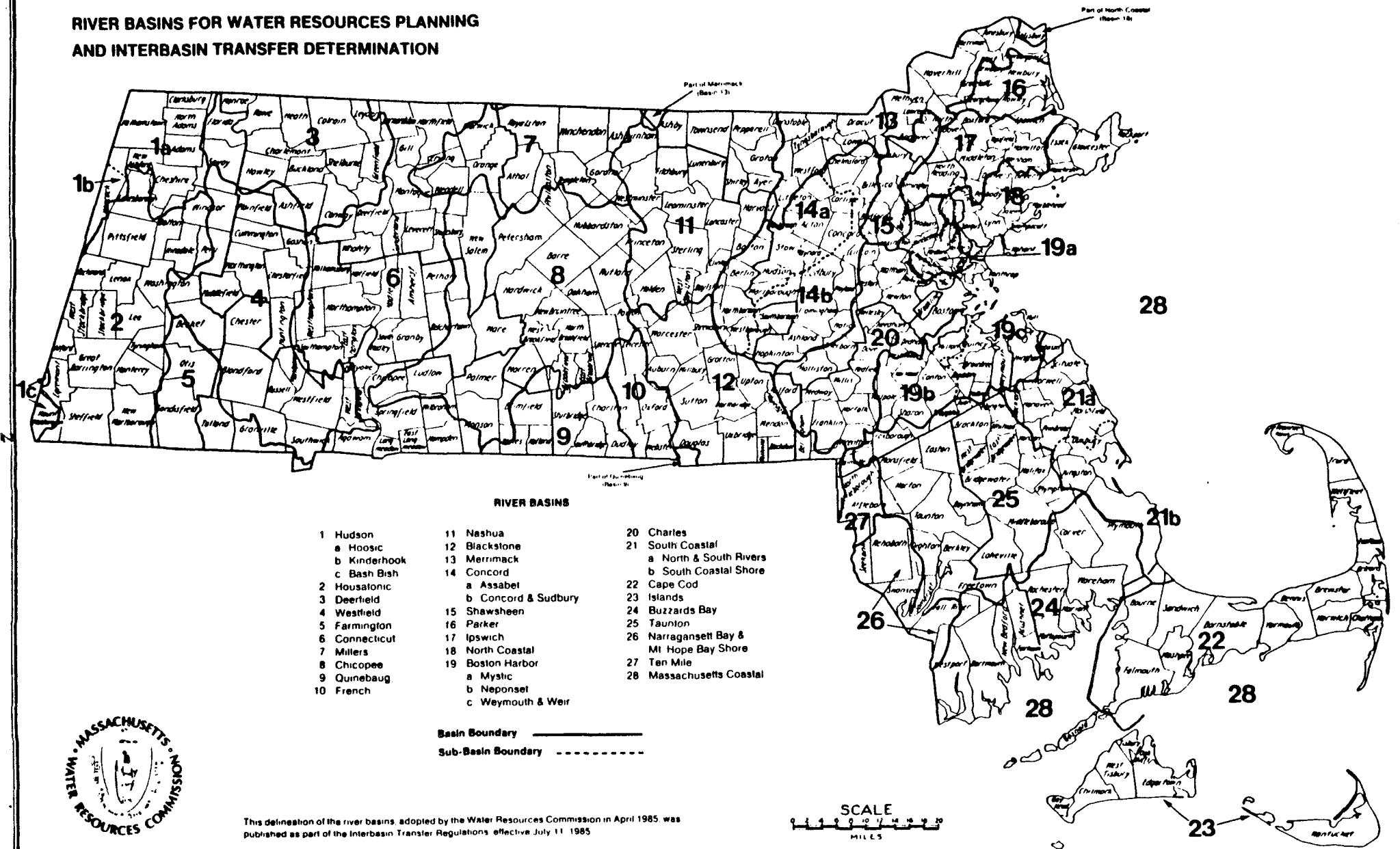
The Commonwealth of Massachusetts, Executive Office of Environmental Affairs, Water Resources Commission (EOEA, WRC) requested that the Basin Management Branch of the Planning Division, U. S. Army Corps of Engineers update the February 1984 "List of 1980 Interbasin Transfers" published by EOEA, WRC. A significant amount of new information was sought for the update including data on the specific sources of interbasin transfer water, 1980 maximum day use of interbasin transfer water and 1985 average and maximum day use of transfer water. Trends of interbasin transfers become apparent by comparing 1980 and 1985 transfer rates listed. Information presented in this report may be used by state water resource planners in developing state-level water management plans.

III. SCOPE

Tables in this report list all interbasin transfers of water and wastewater in Massachusetts occurring in 1980 and 1985 at an average rate of 100,000 gallons per day or greater. An interbasin transfer is defined as any transfer of surface water or groundwater, including wastewater, from any one of the 28 basins shown on the 1985 map entitled "Massachusetts River Basins" (see Figure 1), prepared by the Department of Environmental Management, Division of Water Resources (DEM, DWR), to another of the basins. Thus the water withdrawal point (for a transfer of water) or the sewage treatment plant (for a transfer of wastewater) would be located in a basin different from the final discharge point. An exception to this definition is made for any community immediately adjacent to the Massachusetts Coastal basin (i.e. the ocean) that has a water supply within its community boundary and a discharge point in the ocean. This type of transfer is not considered to be an interbasin transfer.

The list of interbasin transfers includes those communities straddling two or more basins, where the source of water is in one basin in the community and the discharge point is in another basin in the same community (this type of transfer is referred to as "intra-town, interbasin transfer" in this report and is labelled accordingly). It should be noted that the state's Interbasin Transfer Act (Chapter 658, Acts of 1983) does not define interbasin transfers to include these types of transfers. "Intra-town interbasin transfers" are listed only for purposes of determining total import and total export of water and wastewater to arrive at a "water balance" for each of the river basins.

RIVER BASINS FOR WATER RESOURCES PLANNING AND INTERBASIN TRANSFER DETERMINATION



This delineation of the river basins, adopted by the Water Resources Commission in April 1985, was published as part of the Interbasin Transfer Regulations effective July 11, 1985.

Executive Office of Environmental Affairs : Water Resources Commission

Prepared by the Department of Environmental Management - Division of Water Resources

Figure 1

IV. METHODOLOGY:

The "List of 1980 Interbasin Transfers" was the initial source consulted listing communities that are involved in interbasin transfers of water or wastewater. Next, untitled sheets compiled by the Division of Water Resources in 1983 describing the names of water sources, the distributing water supply agency and several other facts were examined. EOEA Water Resources Commission's "Questionnaire on Water Supply, Phase II" and EOEA Department of Environmental Quality Engineering, Division of Water Supply's "Water Supply Statistics" for the years 1980 and 1985 were then examined in order to obtain 1985 average daily use and 1980 and 1985 maximum daily use of water, broken down by individual source of water in many cases. (The "List of 1980 Interbasin Transfers" did not describe individual interbasin water sources, nor maximum daily use of the water). In order to obtain "intra-town, interbasin transfers" (see Section III of this report for description), Appendix E of "Massachusetts Water Supply Policy Study", EOAA, January 1977 was consulted. This appendix listed source and discharge basins for all communities in Massachusetts. Data from all of these sources has been entered into a database file.

V. CONTENTS OF TABLES:

Tables in this report have been prepared for each drainage basin affected by interbasin transfers. For each of these basins, there is a breakdown as follows:

1. Water or wastewater transfers into the basin;
2. Water or wastewater transfers out of the basin; and
3. Water or wastewater transfers into and then out of the basin (flow into basin = flow out of basin).

For each listed transfer the tables indicate:

Source Basin:	the basin where the water supply source of the transfer is located.
Source Community:	the community where the water supply source of transfer is located.
Source:	the individual water supply source of the transfer.
DEQE Number:	A number assigned to each water supply source by the Department of Environmental Quality Engineering.

Latitude:	the latitude of the water supply source.
Longitude:	the longitude of the water supply source.
User basin:	the basin where the water is used.
User community:	the community where the water is used.
Distributor:	the agency that distributes the water.
1980 ADD*:	the average daily demand (or use) of water in 1980 in millions of gallons per day.
1980 MDD*:	the maximum daily demand (or use) of water in 1980 in millions of gallons per day.
1985 ADD*:	the average daily demand (or use) of water in 1985 in millions of gallons per day.
1985 MDD*:	the maximum daily demand (or use) of water in 1985 in millions of gallons per day.
W or WW:	Interbasin transfer of water (W) or wastewater (WW). A water transfer is defined as having the water source in a separate basin from the user basin. A wastewater transfer is defined as having the discharge location in a separate basin from the user basin.
Discharge basin:	The basin where the "used" water (i.e. wastewater) of the transfer is discharged to.
Remarks:	remarks usually apply to communities that do not list average or maximum daily uses of water by individual source.

*a dash in this column indicates that the demand could not be ascertained by individual source. An aggregate demand for several sources is listed instead (see remarks column).

VI. TRENDS OF INTERBASIN TRANSFERS FROM 1980 TO 1985

The overall number of interbasin transfers was unchanged from 1980 to 1985. Statewide there were 43 interbasin transfers of water by communities, not including MDC (now MWRA) system transfers. There were 32 interbasin transfers of wastewater.

Table 1 summarizes the interbasin transfers of water and wastewater into and out of the basins.

TABLE 1 SUMMARY OF TRANSFERS INTO AND OUT OF THE BASINS

<u>BASIN</u>	<u>TRANSFERS INTO BASIN (MGD)</u>				<u>TRANSFERS OUT OF BASIN (MGD)</u>			
	1980 ADD	1980 MDD	1985 ADD	1985 MDD	1980 ADD	1980 MDD	1985 ADD	1985 MDD
Blackstone	17.80	24.24	10.54	14.72	0.18	0.29	0.19	0.30
Boston Harbor	0.00	0.00	0.00	0.00	26.48	40.00	25.89	35.55
Buzzard's Bay	18.56	31.77	17.95	23.49	15.30	21.40	13.92	18.69
Charles	1.14	3.04	1.16	2.77	25.40	39.17	22.95	35.61
Chicopee	0.00	0.00	0.00	0.00	205.79	332.08	190.34	310.57
Concord	4.36	7.27	3.87	5.98	5.57	9.58	5.49	8.57
Connecticut	58.78	94.99	59.65	94.62	0.00	0.00	0.00	0.00
French	0.18	0.29	0.19	0.30	0.00	0.00	0.00	0.00
Ipswich	0.00	0.00	0.00	0.00	27.06	41.42	26.61	38.17
Merrimack	2.16	4.02	2.36	2.71	0.00	0.00	0.00	0.00
Narr.Bay/Mt.Hope	15.30	21.40	13.92	18.69	0.00	0.00	0.00	0.00
Nashua	3.25	4.91	1.14	7.60	117.74	184.66	104.16	163.09
North Coastal	0.63	1.19	0.64	1.20	0.00	0.00	0.00	0.00
Shawsheen	0.00	0.00	0.00	0.00	5.40	10.57	6.31	8.82
South Coastal	0.00	0.00	0.00	0.00	7.45	12.21	9.91	13.18
Taunton	8.57	13.49	10.60	14.32	22.15	37.08	21.88	29.26
Ten Mile	1.96	2.40	2.25	3.46	1.12	1.28	0.69	1.14
Westfield	0.00	0.00	0.00	0.00	43.23	67.34	45.82	68.14

Changes in average daily interbasin transfer flow rates greater than 0.5 MGD from 1980 to 1985 are summarized as follows:

1. Transfers into the Blackstone River basin decreased by 7.3 MGD.
2. Transfers out of the Boston Harbor basin (all to the Mass. Coastal Basin) decreased by 0.6 MGD.
3. Transfers into the Buzzard's Bay basin decreased by 0.6 MGD while transfer out of the basin decreased by 1.4 MGD; the net result was a decrease of 0.8 MGD of transfers out of the Buzzard's Bay basin.
4. Transfers out of the Charles River basin decreased by 2.5 MGD.
5. Transfers out of the Chicopee River basin decreased by 15.5 MGD.
6. Transfers into the Concord River basin decreased by 0.5 MGD.
7. Transfers into the Connecticut River basin increased by 0.9 MGD.
8. Transfers into the Narragansett Bay and Mount Hope Bay Shore basin decreased by 1.4 MGD.
9. Transfers into the Nashua River basin decreased by 2.1 MGD while transfers out of the basin decreased by 13.6 MGD; the net result was a decrease of 11.5 MGD of transfers out of the Nashua River basin.

10. Transfers out of the Shawsheen River basin increased by 0.9 MGD.
11. Transfers out of the South Coastal basin increased by 2.5 MGD.
12. Transfers into the Taunton River basin increased by 2.0 MGD.
13. Transfers out of the Westfield River basin increased by 2.6 MGD.

VII. NOTES

- a. It has been assumed that the volume of water pumped by a community is equal to the volume of water discharged by the community (i.e. no water or wastewater is lost or consumed).
- b. The attached tables should not be regarded as an official or final list. The 1980 and 1985 rates of transfer should be regarded as an estimate only.
- c. The Boston Harbor Basin has been sub-divided into its 3 sub-basins (Mystic, Neponset, and Weymouth/Weir) in the Boston Harbor Basin table for informational purposes only.
- d. The Massachusetts Water Resource Authority (MWRA) was created in 1984 with the responsibility of distributing water obtained from Massachusetts District Commission (MDC) reservoirs. In this report, the water distributing agency is referred to as MDC for sake of simplicity, however, in actuality MDC distributed water in 1980 and MWRA distributed water in 1985 (1980 and 1985 are the two years analyzed in this report).
- e. Massachusetts District Commission reservoirs are Quabbin Reservoir (Chicopee basin) and Wachusett Reservoir (Nashua basin). These reservoirs are hydraulically linked and it is not possible to ascertain the volume of water coming from each reservoir. A separate table has been prepared for MDC water from the Chicopee and Nashua basins. Approximately 2/3 of the volume of water diverted is from Quabbin Reservoir, with the remaining 1/3 from Wachusett Reservoir. This proportion was used in the calculation of transfers out of the Chicopee basin and transfers out of the Nashua basin for both 1980 and 1985.
- f. In most cases, an indeterminate portion of water or wastewater is transferred into and then out of the basins. This is because in most cases the user community straddles two or more basins with water being used in more than one basin.
- g. No interbasin transfers occurred in the following basins (thus no tables were prepared for the basins): Cape Cod, Deerfield, Farmington, Housatonic, Hudson, Islands, Miller, Parker and Quinebaug basins.

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TABLE 2 - BLACKSTONE BASIN

TRANSFERS INTO BLACKSTONE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
NASHUA	RUTLAND	MUSCHOPAUGE POND	21A-257-300B	42 23'00"	71 55'23"	NASHUA/BLACKSTONE	HOLDEN	HOLDEN WATER DEPT	0.16	0.28	0.16	0.28	W	BLACKSTONE	MILLBURY
CHARLES	MILFORD	DILLA ST. WELLFIELD	21A-185-200A	42 09'39"	71 30'48"	BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	0.16	0.18	0.18	0.23	W	BLACKSTONE	HOPEDALE/MENDON
CHARLES	MILFORD	CLARKS IS. WELLFIELD	21A-185-202A	42 09'14"	71 30'56"	BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W	BLACKSTONE	HOPEDALE/MENDON
CHARLES	HOPKINTON	ECHO LAKE	21A-139-302B			BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W	BLACKSTONE	HOPEDALE/MENDON
CHARLES	MILFORD	CHARLES RIVER				BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W	BLACKSTONE	HOPEDALE/MENDON
CHARLES	MILFORD	GODFREY BRK. WELL				BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	0	0	-	-	W	BLACKSTONE	HOPEDALE/MENDON
NASHUA	PAXTON	ASNCBUMSKIT POND	21A-228-308B	42 21'17"	72 54'30"	NASHUA/BLACKSTONE	PAXTON	PAXTON WATER DEPT	0.24	0.47	0.25	0.57	W	BLACKSTONE	MILLBURY
NASHUA	RUTLAND	MUSCHOPAUGE POND	21A-257-300B	42 23'00"	71 55'23"	NASHUA/CHICOOPEE	RUTLAND	RUTLAND WATER DEPT	0.24	0.50	0.34	0.46	WW	BLACKSTONE	MILLBURY
NASHUA	HOLDEN	KENDALL RES.	21A-134-303B	42 39'28"	71 53'25"	BLACKSTONE	WORCESTER	WORCESTER PWD	-	-	-	-	W	BLACKSTONE	MILLBURY
NASHUA	HOLDEN	QUINAPOXET RES.	21A-134-305B	42 24'33"	71 53'06"	BLACKSTONE	WORCESTER	WORCESTER PWD	-	-	-	-	W	BLACKSTONE	MILLBURY
NASHUA	PAXTON	PINE HILL RES.	21A-228-307B	42 20'38"	72 55'10"	BLACKSTONE	WORCESTER	WORCESTER PWD	17.00	22.81	9.61	13.18	W	BLACKSTONE	MILLBURY
								TOTAL	17.80	24.24	10.54	14.72			

TRANSFERS OUT OF BLACKSTONE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
BLACKSTONE	PAXTON	WELL #1	21A-228-301A	42 18'32"	71 54'48"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W	FRENCH	LEICESTER
BLACKSTONE	PAXTON	WELL #2	21A-228-302A	42 18'24"	71 54'47"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W	FRENCH	LEICESTER
BLACKSTONE	PAXTON	WELL #3	21A-228-304A	42 18'29"	71 54'40"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W	FRENCH	LEICESTER
BLACKSTONE	PAXTON	JIM DANDY WELL	21A-228-300A	42 18'35"	71 54'42"	FRENCH	LEICESTER	LEICESTER WATER DIST	0.18	0.29	0.19	0.30	W	FRENCH	LEICESTER
								TOTAL	0.18	0.29	0.19	0.30			SEE LEICESTER WATER DIST TOTAL SEE LEICESTER WATER DIST TOTAL SEE LEICESTER WATER DIST TOTAL SEE LEICESTER WATER DIST TOTAL

TRANSFERS INTO AND THEN OUT OF BLACKSTONE BASIN

NONE

TABLE 3 - BOSTON HARBOR BASIN

TRANSFERS INTO BOSTON HARBOR BASIN
(INCLUDES MYSTIC, NEPONSET, AND WEYMOUTH/WEIR SUB-BASINS)

NONE

TRANSFERS OUT OF BOSTON HARBOR BASIN

(INCLUDES MYSTIC, NEPONSET, AND WEYMOUTH/WEIR SUB-BASINS)

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
WEYMOUTH/WEIR	BRAINTREE	GREAT POND RESERVOIR	31A-040-301B	42 12'00"	71 02'43"	WEYMOUTH/WEIR	BRAINTREE	BRAINTREE WATER DEPT	-	-	-	-	- WW OCEAN	QUINCY	SEE BRAINTREE WATER DEPT TOTAL
WEYMOUTH/WEIR	BRAINTREE	RICHARDI RESERVOIR	31A-040-302B	42 11'26"	71 01'23"	WEYMOUTH/WEIR	BRAINTREE	BRAINTREE WATER DEPT	4.29	7.20	3.78	5.17	- WW OCEAN	QUINCY	SEE BRAINTREE WATER DEPT TOTAL
WEYMOUTH/WEIR	BRAINTREE	UPPER RESERVOIR	31A-244-300	42 11'32"	71 02'35"	WEYMOUTH/WEIR	BRAINTREE	BRAINTREE WATER DEPT	-	-	-	-	- WW OCEAN	QUINCY	SEE BRAINTREE WATER DEPT TOTAL
MYSTIC	BURLINGTON	WELL #8	31A-347-302	42 29'29"	71 10'15"	SHAWSHEEN/IPSWICH/MYSTIC	BURLINGTON	BURLINGTON DPW	0.13	0.26	0.21	0.32	- WW OCEAN	BOSTON	SEE CANTON WATER DEPT TOTAL
NEPONSET	CANTON	WELL #3	31A-050-311A	42 11'41"	71 09'13"	NEPONSET	CANTON	CANTON WATER DEPT	0	0	0	0	0 WW OCEAN	QUINCY	SEE CANTON WATER DEPT TOTAL
NEPONSET	CANTON	WELL #4	31A-050-212A	42 10'57"	71 28'12"	NEPONSET	CANTON	CANTON WATER DEPT	-	-	0.71	-	- WW OCEAN	QUINCY	SEE CANTON WATER DEPT TOTAL
NEPONSET	CANTON	WELL #5	31A-050-302A	42 09'39"	71 12'11"	NEPONSET	CANTON	CANTON WATER DEPT	1.46	2.17	0.30	1.68	- WW OCEAN	QUINCY	CANTON WATER DEPT TOTAL
NEPONSET	CANTON	WELL #6	31A-050-303A	42 09'40"	71 10'17"	NEPONSET	CANTON	CANTON WATER DEPT	0	0	0.15	-	- WW OCEAN	QUINCY	SEE CANTON WATER DEPT TOTAL
NEPONSET	CANTON	WELL #7	31A-050-304A	42 09'31"	71 09'43"	NEPONSET	CANTON	CANTON WATER DEPT	0	0	0	0	0 WW OCEAN	QUINCY	SEE CANTON WATER DEPT TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #1	31A-335-306	42 12'24"	71 09'06"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	1.19	1.63	- WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #2	31A-335-308	42 12'13"	71 09'04"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	2.36	3.00	0.72	0.99	- WW OCEAN	QUINCY	DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #3		42 11'55"	71 09'12"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0	0	0 WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #4		42 12'04"	71 09'11"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0	0	0 WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
WEYMOUTH/WEIR	RANDOLPH	GREAT POND RES.	31A-366-307B	42 09'53"	70 58'00"	WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	4.23	5.33	3.58	4.79	- WW OCEAN	QUINCY	RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	WHITMANS POND				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	SEE RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	WHITMANS POND WELL				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	SEE RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	MAIN ST. WELL				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	SEE RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	CIRCUIT AVE. WELL				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	SEE RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	WINTER ST WELL #1				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	SEE RANDOLPH/HOLBROOK JWW TOTAL
WEYMOUTH/WEIR	RANDOLPH	WINTER ST WELL #2				WEYMOUTH/WEIR	RANDOLPH/HOLBROOK	RANDOLPH/HOLBROOK JW	-	-	-	-	- WW OCEAN	QUINCY	TOTAL FOR SHARONS NEPONSET BASIN
NEPONSET	SHARON	WELL #2	41A-266-200A	42 07'09"	71 11'33"	NEPONSET/TAUNTON	SHARON	SHARON DPW	0.85	2.09	0.05	0.10	- WW OCEAN		SEE TOTAL FOR SHARONS NEPONSET B
NEPONSET	SHARON	WELL #3	41A-266-201A	42 06'52"	71 11'11"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.17	0.33	- WW OCEAN		SEE TOTAL FOR SHARONS NEPONSET B
NEPONSET	SHARON	WELL #4	41A-266-206A	42 07'35"	71 11'04"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.40	0.75	- WW OCEAN		STOUGHTON'S NEPONSET BASIN TOTAL
NEPONSET	STOUGHTON	MUDGY POND WELL		42 06'49"	71 07'56"	NEPONSET/TAUNTON	STOUGHTON	STOUGHTON WATER DIV	0.50	1.82	0.42	0.48	- WW OCEAN	QUINCY	SEE STOUGHTON'S NEP. BASIN TOTAL
NEPONSET	STOUGHTON	HARRIS POND WELL		42 07'40"	71 08'17"	NEPONSET/TAUNTON	STOUGHTON	STOUGHTON WATER DIV	0.67	-	0.62	0.70	- WW OCEAN	QUINCY	1985 MDD BASED ON '82-'84 RATIOS
MYSTIC	WAKEFIELD	CRYSTAL LAKE	31A-305-301	42 29'28"	71 04'26"	MYSTIC/NORTH COASTAL	WAKEFIELD	WAKEFIELD	0.79	1.35	0.45	0.71	- WW OCEAN	BOSTON	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #1	31A-307-213A	42 09'04"	71 15'32"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #2	31A-307-311A	42 09'31"	71 14'46"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #3	31A-307-312A	42 09'31"	71 15'57"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #1	31A-307-314C	42 07'33"	71 14'46"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #2	31A-307-215A	42 07'30"	71 14'50"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #3	31A-307-304A	42 07'27"	71 14'28"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #4	31A-307-316A	42 07'32"	71 15'14"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	- WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #6	31A-307-305A	42 07'27"	71 14'28"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	2.08	4.58	2.38	4.49	- WW OCEAN	QUINCY	WALPOLE W & SD TOTAL
WEYMOUTH/WEIR	WEYMOUTH	WEYMOUTH/WEIR				WEYMOUTH	WEYMOUTH DPW	4.48	6.95	4.92	6.33	- WW OCEAN	QUINCY	SEE WINCHESTER DPW TOTAL	
MYSTIC	MEDFORD	SOUTH RESERVOIR	31A-176-3001	42 27'50"	71 09'13"	MYSTIC	WINCHESTER	WINCHESTER DPW	-	-	-	-	- WW OCEAN	BOSTON	SEE WINCHESTER DPW TOTAL
MYSTIC	STONEHAM	NORTH RESERVOIR	31A-284-3011	42 27'41"	71 06'47"	MYSTIC	WINCHESTER	WINCHESTER DPW	-	-	-	-	- WW OCEAN	BOSTON	WINCHESTER DPW TOT. (1980 UNUSUAL)
MYSTIC	STONEHAM	MIDDLE RESERVOIR	31A-284-3021	42 27'16"	71 06'50"	MYSTIC	WINCHESTER	WINCHESTER DPW	0	0	2.00	2.17	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL A2	31A-347-310A	42 27'50"	71 09'13"	MYSTIC	WOBURN	WOBURN PWD	-	-	-	-	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL B	31A-347-312A	42 27'48"	71 09'17"	MYSTIC	WOBURN	WOBURN PWD	-	-	-	-	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL C2	31A-347-311A	42 27'50"	71 09'17"	MYSTIC	WOBURN	WOBURN PWD	-	-	-	-	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL D	31A-347-309A	42 27'54"	71 09'31"	MYSTIC	WOBURN	WOBURN PWD	-	-	-	-	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL E	31A-347-305A	42 28'20"	71 10'14"	MYSTIC	WOBURN	WOBURN PWD	-	-	-	-	- WW OCEAN	BOSTON	SEE WOBURN PWD TOTAL
MYSTIC	WOBURN	WELL F	31A-347-307A	42 28'16"	71 10'01"	MYSTIC	WOBURN	WOBURN PWD	4.64	5.25	3.84	4.91	- WW OCEAN	BOSTON	WOBURN PWD TOTAL

TOTAL 26.48 40.00 25.89 35.55

TABLE 3 - BOSTON HARBOR BASIN (Continued)

TRANSFERS INTO AND THEN OUT OF BOSTON HARBOR BASIN

(INCLUDES MYSTIC, NEPONSET, AND WEYMOUTH/WEIR SUB-BASINS)

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	DISCHARGE COMMUNITY	REMARKS
SHAWSHEEN	BURLINGTON	MILL PD RES, 6 WELLS 31A-048-310	42 30'45" 71 10'35"	SHAWSHEEN/MYSTIC/IPSWICH	BURLINGTON	BURLINGTON DPW	2.97	5.94	3.23	4.98	WW OCEAN		BOSTON			
CHARLES	WALTHAM	HOBBS BROOK RES.		MYSTIC/CHARLES	CAMBRIDGE	CAMBRIDGE	-	-	-	-	WW OCEAN		BOSTON		SEE CAMBRIDGE TOTAL (NON-MDC)	
CHARLES	WALTHAM/WESTON	STONY BROOK RES.		MYSTIC/CHARLES	CAMBRIDGE	CAMBRIDGE	17.18	24.57	15.06	21.45	WW OCEAN		BOSTON		CAMBRIDGE TOTAL (NON-MDC)	
CHARLES	DEDHAM	BRIDGE ST. WELLFIELD 31A-073-200A	42 15'13" 71 10'53"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	2.01	2.55	1.13	1.54	WW OCEAN		QUINCY		DED/WEST TOTAL FOR CHARLES BASIN	
CHARLES	WESTWOOD	ROCK MEADOW WELL #11 31A-335-203	42 13'50" 71 13'35"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0.72	0.98	WW OCEAN		QUINCY		SEE DED/WEST TOT FOR CHARLES BAS	
				MYSTIC	ARLINGTON	MDC	4.76	8.90	4.96	8.67	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	BELMONT	MDC	3.02	4.45	2.81	7.41	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	CHELSEA	MDC	3.38	5.61	4.02	6.32	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	EVERETT	MDC	8.47	13.10	8.96	12.94	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	MALDEN	MDC	5.43	6.20	5.22	8.20	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	MEDFORD	MDC	8.98	10.03	7.67	12.15	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	MELROSE	MDC	2.81	5.44	3.59	5.34	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	SOMERVILLE	MDC	9.80	10.31	10.37	15.41	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				MYSTIC	STONEHAM	MDC	3.58	6.50	3.55	5.46	WW OCEAN		BOSTON		FULLY-SUPPLIED COMMUNITY	
				NEPONSET	MILTON	MDC	2.98	3.60	2.84	4.67	WW OCEAN		QUINCY		FULLY-SUPPLIED COMMUNITY	
				NEPONSET	NORWOOD	MDC	4.35	7.10	4.49	7.55	WW OCEAN		QUINCY		FULLY-SUPPLIED COMMUNITY	
				NEPONSET	QUINCY	MDC	11.72	18.14	11.01	15.26	WW OCEAN		QUINCY		FULLY-SUPPLIED COMMUNITY	
				CHARLES/MYSTIC	CAMBRIDGE	MDC	0.07	0.12	0.53	0.75	WW OCEAN		BOSTON		PARTIALLY-SUPPLIED COMMUNITY	
				MYSTIC	WOBURN	MDC	1.05	1.35	3.27	4.19	WW OCEAN		BOSTON		PARTIALLY-SUPPLIED COMMUNITY	
				MYSTIC	WINCHESTER	MDC	3.03	6.20	2.40	4.25	WW OCEAN		BOSTON		PARTIALLY-SUPPLIED COMMUNITY	
				NEPONSET	CANTON	MDC	1.45	1.98	2.28	3.30	WW OCEAN		QUINCY		PARTIALLY-SUPPLIED COMMUNITY	
IPSWICH	READING	HUNDRED ACRE WELLS	31A-246-204A	42 33'04" 71 07'45"	IPSWICH/MYSTIC	READING	READING WATER DEPT	1.82	3.84	2.64	3.89	WW OCEAN		BOSTON		READING WATER DEPT TOTAL
IPSWICH	READING	REVAY WELL #1	31A-246-307A	42 30'57" 71 07'04"	IPSWICH/MYSTIC	READING	READING WATER DEPT	-	-	-	-	WW OCEAN		BOSTON		SEE READING WATER DEPT TOTAL
TAUNTON	SHARON	WELL #5	41A-266-302A	42 05'10" 71 12'32"	NEPONSET/TAUNTON	SHARON	SHARON DPW	0.41	1.01	0.32	0.61	WW OCEAN				TOTAL FOR SHARON'S TAUNTON BASIN
TAUNTON	SHARON	WELL #6	41A-266-303A	42 05'15" 71 11'39"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.21	0.40	WW OCEAN				TOTAL FOR SHARON'S TAUNTON BASIN
TAUNTON	STOUGHTON	FENNEL WELL	41A-285-204A	42 06'01" 71 07'29"	TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.65	1.90	0.56	0.63	WW OCEAN		QUINCY		STOUGHTON'S TAUNTON BASIN TOTAL
TAUNTON	STOUGHTON	MCNAMARA WELL			TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.43	-	0.36	0.41	WW OCEAN		QUINCY		SEE STOUGHTONS TAUNTON BASIN TOT
TAUNTON	STOUGHTON	GURNEY WELL			TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.14	-	0.23	0.26	WW OCEAN		QUINCY		SEE STOUGHTONS TAUNTON BASIN TOT

TABLE 4 - BUZZARD'S BAY BASIN

TRANSFERS INTO BUZZARD'S BAY BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN	DISCHARGE COMMUNITY	REMARKS		
TAUNTON	LAKEVILLE	GREAT QUITTACUS POND	41A-146-306B	41 48'00"	70 53'55"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD	SEE NEW BEDFORD WTR DEPT TOTAL	
TAUNTON	LAKEVILLE	LITTLE QUITTACUS PD	41A-146-307B	41 47'31"	70 54'59"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	18.56	31.77	17.95	23.49	W	BUZZARDS BAY	NEW BEDFORD	NEW BEDFORD WATER DEPT. TOTAL	
TAUNTON	LAKEVILLE	LONG POND	41A-146-304B	41 48'16"	70 54'51"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD	SEE NEW BEDFORD WATER DEPT. TOTA	
TAUNTON	LAKEVILLE	ASSWOMPSETT POND	41A-146-300B	41 50'15"	70 54'51"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD	SEE NEW BEDFORD WATER DEPT TOTAL	
											TOTAL	18.56	31.77	17.95	23.49		

TRANSFERS OUT OF BUZZARD'S BAY BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN	DISCHARGE COMMUNITY	REMARKS		
BUZZARDS BAY	FALL RIVER	COPICUT RESERVOIR	41A-095-032B	41 42'31"	71 02'12"	BUZZARDS BAY/TAUNTON	FALL RIVER	FALL RIVER W DEPT	15.30	21.40	13.92	18.69	W	NARR. BAY	FALL RIVER	INTRA-TOWN, INTERBASIN TRANSFER	
													TOTAL	15.30	21.40	13.92	18.69

TRANSFERS INTO AND THEN OUT OF BUZZARD'S BAY BASIN

NONE

TABLE 5 - CHARLES BASIC

TRANSFERS INTO CHARLES BASI

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
							CHARLES	WESTON	MDC	1.14	3.04	1.16	2.77	W CHARLES	FULLY-SUPPLIED COMMUNITY
							TOTAL			1.14	3.04	1.16	2.77		

TRANSFERS OUT OF CHARLES BASI

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980	1980	1985	1985	W DISCHARGE	DISCHARGE COMMUNITY	REMARKS
									ADD	MDD	ADD	MDD	OR BASIN WW		
CHARLES	WALTHAM	HOBBS BROOK RES.				MYSTIC/CHARLES	CAMBRIDGE	CAMBRIDGE	-	-	-	-	WW OCEAN	BOSTON	SEE CAMBRIDGE TOTAL (NON-MDC)
CHARLES	WALTHAM/WESTON	STONY BROOK RES.				MYSTIC/CHARLES	CAMBRIDGE	CAMBRIDGE	17.18	24.57	15.06	21.45	WW OCEAN	BOSTON	CAMBRIDGE TOTAL (NON-MDC)
CHARLES	DEDHAM	BRIDGE ST. WELLFIELD	31A-073-200A	42 15'13"	71 10'53"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	2.01	2.55	1.13	1.54	WW OCEAN	QUINCY	DED/WEST TOTAL FOR CHARLES BASIN
CHARLES	WESTWOOD	ROCK MEADOW WELL #11	31A-335-203	42 13'50"	71 13'35"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0.72	0.98	WW OCEAN	QUINCY	SEE DED/WEST TOT FOR CHARLES BAS
CHARLES	MILFORD	DILLA ST. WELLFIELD	21A-185-200A	42 09'39"	71 30'48"	BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	0.16	0.18	0.18	0.23	W BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO TOTAL
CHARLES	MILFORD	CLARKS IS. WELLFIELD	21A-185-202A	42 09'14"	71 30'56"	BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W BLACKSTONE	HOPEDALE/MENDON	SEE MILFORD WATER CO TOTAL
CHARLES	HOPKINTON	ECHO LAKE	21A-139-302B			BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W BLACKSTONE	HOPEDALE/MENDON	SEE MILFORD WATER CO TOTAL
CHARLES	MILFORD	CHARLES RIVER				BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	-	-	-	-	W BLACKSTONE	HOPEDALE/MENDON	SEE MILFORD WATER CO TOTAL
CHARLES	MILFORD	GODFREY BRK. WELL				BLACKSTONE	HOPEDALE/MENDON	MILFORD WATER CO	0	0	-	-	W BLACKSTONE	HOPEDALE/MENDON	SEE MILFORD WATER CO TOTAL
CHARLES	NATICK	MORSE POND	31A-198-206C	42 17'46"	71 19'32"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	0.45	0.74	0	0	WW OCEAN	QUINCY	NATICK'S CHARLES BASIN TOTAL
CHARLES	NATICK	PINE OAK WELLFIELD	31A-198-205A	42 18'35"	71 20'37"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.21	0.33	WW OCEAN	QUINCY	SEE NATICK'S CHARLES BASIN TOTAL
CHARLES	NEEDHAM	CHARLES R. ST. #2	31A-199-201A	42 16'05"	71 17'53"	CHARLES	NEEDHAM	NEEDHAM WATER DIV	2.55	5.76	1.43	2.16	WW OCEAN	QUINCY	NEEDHAM WATER DIV TOTAL
CHARLES	NEEDHAM	CHARLES R. ST. #5	31A-199-202A	42 15'57"	71 17'54"	CHARLES	NEEDHAM	NEEDHAM WATER DIV	-	-	0	0	WW OCEAN	QUINCY	SEE NEEDHAM WATER DIV TOTAL
CHARLES	NEEDHAM	DEDHAM AVE. DUG WELL	31A-199-204A	42 16'18"	71 13'14"	CHARLES	NEEDHAM	NEEDHAM WATER DIV	-	-	0	0	WW OCEAN	QUINCY	SEE NEEDHAM WATER DIV TOTAL
CHARLES	NEEDHAM	CHARLES R. ST. #3	31A-199-300A	42 16'00"	71 17'53"	CHARLES	NEEDHAM	NEEDHAM WATER DIV	-	-	1.65	4.22	WW OCEAN	QUINCY	SEE NEEDHAM WATER DIV TOTAL
CHARLES	WELLESLEY	MORSES POND #1,#2	31A-317-200A	42 17'52"	71 19'00"	CHARLES	WELLESLEY	WELLESLEY DPW	-	-	0.94	-	WW OCEAN	QUINCY	SEE WELLESLEY DPW TOTAL
CHARLES	WELLESLEY	LONGFELLOW WELL	31A-317-209A	42 18'48"	71 15'15"	CHARLES	WELLESLEY	WELLESLEY DPW	-	-	0.21	-	WW OCEAN	QUINCY	SEE WELLESLEY DPW TOTAL
CHARLES	WELLESLEY	TF COUGHLIN WELL	31A-317-210A	42 18'12"	71 15'08"	CHARLES	WELLESLEY	WELLESLEY DPW	-	-	0.33	-	WW OCEAN	QUINCY	SEE WELLESLEY DPW TOTAL
CHARLES	WELLESLEY	WELLESLEY AVE #1	31A-317-211A	42 18'09"	71 15'15"	CHARLES	WELLESLEY	WELLESLEY DPW	-	-	-	-	WW OCEAN	QUINCY	SEE WELLESLEY DPW TOTAL
CHARLES	WELLESLEY	WELLESLEY AVE #2	31A-317-211A	42 18'11"	71 15'11"	CHARLES	WELLESLEY	WELLESLEY DPW	3.05	5.37	0.75	4.70	WW OCEAN	QUINCY	WELLESLEY DPW TOTAL
CHARLES	WELLESLEY	ROSEMARY WELL				CHARLES	WELLESLEY	WELLESLEY DPW	-	-	0.34	-	WW OCEAN	QUINCY	SEE WELLESLEY DPW TOTAL

TABLE 5 - CHARLES BASIN (Continued)

TRANSFERS INTO AND THEN OUT OF CHARLES BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN	DISCHARGE COMMUNITY	REMARKS
NEPONSET	WESTWOOD	WHITE LODGE WELL #1	31A-335-306	42 12'24"	71 09'06"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	1.19	1.63	WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #2	31A-335-308	42 12'13"	71 09'04"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	2.36	3.00	0.72	0.99	WW OCEAN	QUINCY	DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #3		42 11'55"	71 09'12"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0	0	WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
NEPONSET	WESTWOOD	WHITE LODGE WELL #4		42 12'04"	71 09'11"	NEPONSET/CHARLES	DEDHAM/WESTWOOD	DEDHAM/WESTWOOD WD	-	-	0	0	WW OCEAN	QUINCY	SEE DEDHAM/WESTWOOD WD TOTAL
				CHARLES			WATERTOWN	MDC	4.72	7.05	3.43	6.13	W OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
				CHARLES			WALTHAM	MDC	11.50	13.30	8.92	15.19	W OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
				CHARLES			BOSTON	MDC	135.2	223.8	119.3	179.8	W OCEAN	BOSTON	/QUINCY FULLY-SUPPLIED COMMUNITY
				CHARLES			BROOKLINE	MDC	7.15	12.69	7.37	14.01	W OCEAN	BOSTON	/QUINCY FULLY-SUPPLIED COMMUNITY
				CHARLES			NEWTON	MDC	11.11	21.00	10.10	17.37	W OCEAN	BOSTON	/QUINCY FULLY-SUPPLIED COMMUNITY
				CHARLES/MYSTIC			CAMBRIDGE	MDC	0.07	0.12	0.53	0.75	W OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
				CHARLES			NEEDHAM	MDC	1.08	2.44	0.51	1.15	W OCEAN	QUINCY	PARTIALLY-SUPPLIED COMMUNITY
CONCORD	NATICK	SPRINGVALE WELLS#1,2	31A-198-302A	42 17'54"	71 22'10"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.09	0.14	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	SPRINGVALE WELL #3	31A-198-301A	42 17'54"	71 22'07"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	1.15	1.82	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	SPRINGVALE WELL #4	31A-198-302A	42 17'54"	71 22'10"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.17	0.27	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	EVERGREEN WELL #1	31A-198-300A	42 18'30"	71 22'20"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	1.18	1.87	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	EVERGREEN WELL #2	31A-198-300A	42 18'31"	71 22'19"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	4.02	6.62	1.54	2.43	WW OCEAN	QUINCY	NATICK'S CONCORD BASIN TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #1	31A-307-213A	42 09'04"	71 15'32"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #2	31A-307-311A	42 09'31"	71 14'46"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	MINE BROOK WELL #3	31A-307-312A	42 09'31"	71 15'57"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #1	31A-307-314C	42 07'33"	71 14'46"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #2	31A-307-215A	42 07'30"	71 14'50"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #3	31A-307-304A	42 07'27"	71 14'28"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #4	31A-307-316A	42 07'32"	71 15'14"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	-	-	-	-	WW OCEAN	QUINCY	SEE WALPOLE W & SD TOTAL
NEPONSET	WALPOLE	SCHOOL BROOK WELL #6	31A-307-305A	42 07'27"	71 14'28"	NEPONSET/CHARLES	WALPOLE	WALPOLE W & S	2.08	4.58	2.38	4.49	WW OCEAN	QUINCY	WALPOLE W & SD TOTAL

TABLE 6 - CHICOPEE BASIN

TRANSFERS INTO CHICOPEE BASIN
NONE

TRANSFERS OUT OF CHICOPEE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
CHICOPEE	BELCHERTOWN	WELLFIELD (21 WELLS)	11A-024-302A	42 16'53"	72 22'00"	CHICOPEE/CONNECTICUT	BELCHERTOWN	BELCHERTOWN W DIST	0.24	0.28	0.20	0.34	W CONNECTICUT	BELCHERTOWN	INTRA-TOWN, INTERBASIN TRANSFER
CHICOPEE	HUBBARDSTON	BICKFORD POND	21A-140-300B	42 29'15"	71 55'45"	NASHUA	FITCHBURG	FITCHBURG WATER DEPT	1.63	2.46	-	-	W NASHUA	FITCHBURG	SEE FITCHBURG WATER DEPT TOTAL
CHICOPEE	WESTMINSTER	MARE MEADOW RES.	21A-332-305B	42 30'00"	72 55'50"	NASHUA	FITCHBURG	FITCHBURG WATER DEPT	1.62	2.45	1.14	7.60	W NASHUA	FITCHBURG	1985 USED PART YR (ADD REDUCED)
CHICOPEE	LUDLOW	LUDLOW RESERVOIR	11A-161-300B	42 12'30"	72 25'30"	CHICOPEE	LUDLOW	SPRINGFIELD WTR DEPT	2.80	8.39	2.00	6.38	WW CONNECTICUT	AGAWAM	SHARES SYSTEM WITH MONSANTO CO.
									TOTAL	6.29	11.58	3.34	14.27		

MDC DIVERSIONS OUT OF THE BASIN ARE LISTED IN TABLE 19

TRANSFERS INTO AND THEN OUT OF CHICOPEE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS	
NASHUA	RUTLAND	MUSCHOPAUGE POND	21A-257-300B	42 23'00"	71 55'23"	NASHUA/CHICOPEE	CHICOPEE	MDC	10.33	17.12	9.47	15.5	WW CONNECTICUT	MILLBURY	FULLY-SUPPLIED COMMUNITY	
WESTFIELD	BLANDFORD	COBBLE MTN BROOK RES	11A-033-300B	42 08'00"	73 54'30"	CONNECTICUT/CHICOPEE	RUTLAND	RUTLAND WATER DEPT	0.24	0.50	0.34	0.46	WW BLACKSTONE	AGAWAM	SPRINGFIELD WTR DEPT TOTAL	
WESTFIELD	BLANDFORD	BORDEN BROOK RES	11A-033-301B	42 07'45"	72 56'45"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	36.40	56.36	37.20	55.50	W CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL	
WESTFIELD	CHESTER	LITTLEVILLE RES	11A-059-301B	42 16'45"	72 53'15"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	-	-	-	-	W CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL	
									SPRINGFIELD WTR DEPT	0	0	-	-	W CONNECTICUT		

TABLE 7 - CONCORD BASIN

TRANSFERS INTO CONCORD BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
				CONCORD		SOUTHBORO	MDC		0.52	1.01	0.54	1.03	W CONCORD		FULLY-SUPPLIED COMMUNITY
				CONCORD		MARLBORO	MDC		3.78	6.12	3.15	4.64	W CONCORD	MARLBORO	PARTIALLY-SUPPLIED COMMUNITY
				CONCORD		NORTHBORO	MDC		0.06	0.14	0.18	0.31	W CONCORD	MARLBORO	PARTIALLY-SUPPLIED COMMUNITY
								TOTAL	4.36	7.27	3.87	5.98			

TRANSFERS OUT OF CONCORD BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
CONCORD	ASHLAND	WELL #1	31A-014-315A	42 15'15"	71 30'56"	CONCORD	ASHLAND	ASHLAND WATER DEPT	-	-	-	-	WW OCEAN	QUINCY	SEE ASHLAND WATER DEPT TOTAL
CONCORD	ASHLAND	WELL #2	31A-014-314A	42 15'16"	71 30'58"	CONCORD	ASHLAND	ASHLAND WATER DEPT	1.17	2.10	1.28	1.91	WW OCEAN	QUINCY	ASHLAND WATER DEPT TOTAL
CONCORD	BILLERICA	CONCORD RIVER	31A-031-304B	42 33'52"	71 17'04"	SHAWSHEEN/CONCORD	BEDFORD	BILLERICA DPW	0.19	0.48	0.08	0.13	WW OCEAN	BOSTON	APPROX FOR 1985 (BASED ON 1986)
CONCORD	FRAMINGHAM	SAX WELL #1 (CLOSED)				CONCORD	FRAMINGHAM	FRAMINGHAM WATER DIV	-	-	0	0	WW OCEAN	QUINCY	SEE FRAMINGHAM WATER DIV TOTAL
CONCORD	FRAMINGHAM	SAX WELL #2 (CLOSED)				CONCORD	FRAMINGHAM	FRAMINGHAM WATER DIV	-	-	0	0	WW OCEAN	QUINCY	SEE FRAMINGHAM WATER DIV TOTAL
CONCORD	FRAMINGHAM	SAX WELL #3 (CLOSED)				CONCORD	FRAMINGHAM	FRAMINGHAM WATER DIV	0.19	0.38	0	0	WW OCEAN	QUINCY	FRAMINGHAM WATER DIV TOTAL
CONCORD	NATICK	SPRINGVALE WELLS#1,2	31A-198-302A	42 17'54"	71 22'10"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.09	0.14	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	SPRINGVALE WELL #3	31A-198-301A	42 17'54"	71 22'07"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	1.15	1.82	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	SPRINGVALE WELL #4	31A-198-302A	42 17'54"	71 22'10"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.17	0.27	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	EVERGREEN WELL #1	31A-198-300A	42 18'30"	71 22'20"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	1.18	1.87	WW OCEAN	QUINCY	SEE NATICK'S CONCORD BASIN TOTAL
CONCORD	NATICK	EVERGREEN WELL #2	31A-198-300A	42 18'31"	71 22'19"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	4.02	6.62	1.54	2.43	WW OCEAN	QUINCY	NATICK'S CONCORD BASIN TOTAL
								TOTAL	5.57	9.58	5.49	8.57			

TRANSFERS INTO AND THEN OUT OF CONCORD BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
SHAWSHEEN	BEDFORD	WELL #2	31A-023-304A	42 29'33"	71 25'29"	SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	0.27	0.61	0.72	1.13	WW OCEAN	WINTHROP	BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #3				SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	WINTHROP	SEE BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #4	31A-023-308H			SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	WINTHROP	SEE BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #5	31A-023-310H			SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	WINTHROP	SEE BEDFORD WATER DEPT TOTAL
						CONCORD	FRAMINGHAM	MDC	8.42	15.10	9.42	15.56	W OCEAN	QUINCY	PARTIALLY-SUPPLIED COMMUNITY
CHARLES	NATICK	MORSE POND	31A-198-206C	42 17'46"	71 19'32"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	0.45	0.74	0	0	WW OCEAN	QUINCY	NATICK'S CHARLES BASIN TOTAL
CHARLES	NATICK	PINE OAK WELLFIELD	31A-198-205A	42 18'35"	71 20'37"	CONCORD/CHARLES	NATICK	NATICK WATER DEPT	-	-	0.21	0.33	WW OCEAN	QUINCY	SEE NATICK'S CHARLES BASIN TOTAL

TABLE 8 - CONNECTICUT BASIN

TRANSFERS INTO CONNECTICUT BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	DISCHARGE						DISCHARGE COMMUNITY	REMARKS
									1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	WW		
CHICOPEE	BELCHERTOWN	WELLFIELD (21 WELLS)	11A-024-302A	42 16'53"	72 22'00"	CHICOPEE/CONNECTICUT	BELCHERTOWN	BELCHERTOWN W DIST	0.24	0.28	0.20	0.34	W	CONNECTICUT	BELCHERTOWN	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	HOLYOKE	WELLFIELD	11A-137-302A	42 10'40"	72 54'25"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	0.02	0.03	0.07	0.10	W	CONNECTICUT	HOLYOKE	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	HOLYOKE	WRIGHT & ASHLEY PONDS	11A-137-304B	42 10'51"	72 39'30"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	-	-	3.78	5.44	W	CONNECTICUT	HOLYOKE	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	HOLYOKE	MCLEAN RESERVOIR	11A-137-303B	42 10'40"	72 40'15"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	2.80	3.86	3.77	5.43	W	CONNECTICUT	HOLYOKE	1985 VALUES ARE 1986 VALUES
						CONNECTICUT	S. HADLEY F.D.1	MDC	2.18	3.86	2.16	4.31	W	CONNECTICUT		FULLY-SUPPLIED COMMUNITY
						CHICOPEE	CHICOPEE	MDC	10.33	17.12	9.47	15.5	WW	CONNECTICUT		FULLY-SUPPLIED COMMUNITY
CHICOPEE	LUDLOW	LUDLOW RESERVOIR	11A-161-300B	42 12'30"	72 25'30"	CHICOPEE	LUDLOW	SPRINGFIELD WTR DEPT	2.80	6.39	2.00	6.33	WW	CONNECTICUT	AGAWAM	SHARES SYSTEM WITH MONSANTO CO.
WESTFIELD	BLANDFORD	COBBLE MTN BROOK RES	11A-033-300B	42 08'00"	73 54'30"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	36.40	56.36	37.20	55.50	W	CONNECTICUT	AGAWAM	SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	BLANDFORD	BORDEN BROOK RES	11A-033-301B	42 07'45"	72 56'45"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	-	-	-	-	W	CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	CHESTER	LITTLEVILLE RES	11A-059-301B	42 16'45"	72 53'15"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	0	0	-	-	W	CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	SOUTHWICK	WELL #1(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W	CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #2(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W	CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #3(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W	CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #4(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	2.90	5.13	0	0	W	CONNECTICUT	AGAWAM	W SPFLD SYSTEM TOTAL
WESTFIELD	W SPRINGFIELD	BEARHOLE RESERVOIR	11A-325-300B	42 07'49"	72 40'52"	CONNECTICUT/WESTFIELD	W SPRINGFIELD	W SPRINGFIELD	1.11	1.96	1.00	1.67	W	CONNECTICUT	AGAWAM	1985 MDD BASED ON '83 RATIO
								TOTAL	58.78	94.99	59.65	94.62				

TRANSFERS OUT OF CONNECTICUT BASIN

NONE

TRANSFERS INTO AND THEN OUT OF CONNECTICUT BASIN

NONE

TABLE 9 - FRENCH BASIN

TRANSFERS INTO FRENCH BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS	
BLACKSTONE	PAXTON	WELL #1	21A-228-301A	42 18'32"	71 54'48"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W FRENCH	LEICESTER	SEE LEICESTER WATER DIST TOTAL	
BLACKSTONE	PAXTON	WELL #2	21A-228-302A	42 18'24"	71 54'47"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W FRENCH	LEICESTER	SEE LEICESTER WATER DIST TOTAL	
BLACKSTONE	PAXTON	WELL #3	21A-228-304A	42 18'29"	71 54'40"	FRENCH	LEICESTER	LEICESTER WATER DIST	-	-	-	-	W FRENCH	LEICESTER	SEE LEICESTER WATER DIST TOTAL	
BLACKSTONE	PAXTON	JIM DANDY WELL	21A-228-300A	42 18'35"	71 54'42"	FRENCH	LEICESTER	LEICESTER WATER DIST	0.18	0.29	0.19	0.30	W FRENCH	LEICESTER	LEICESTER WATER DIST TOTAL	
									TOTAL	0.18	0.29	0.19	0.30			

TRANSFERS OUT OF FRENCH BASIN

NONE

TRANSFERS INTO AND THEN OUT OF FRENCH BASIN

NONE

TABLE 10 - IPSWICH BASIN

TRANSFERS INTO IPSWICH BASIN
NONE

TRANSFERS OUT OF IPSWICH BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN WW	DISCHARGE COMMUNITY	REMARKS	
IPSWICH	NORTH READING	SWAN POND	31A-213-304B	42 35'18"	71 02'51"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	-	-	-	-	WW OCEAN	SALEM HARBOR	NOT NOW USED? SEE DANVERS TOTAL	
IPSWICH	MIDDLETON	MIDDLETON POND	31A-184-300B	42 35'30"	71 09'39"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	2.41	4.92	2.98	4.45	WW OCEAN	SALEM HARBOR	DANVERS DPW TOTAL	
IPSWICH	MIDDLETON	ROUTE 114 WELL (1)	31A-184-200A	42 34'34"	70 59'38"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	0	0	0.19	-	WW OCEAN	SALEM HARBOR	SEE DANVERS DPW TOTAL	
IPSWICH	DANVERS	BUXTON RD. WELL (2)	31A-071-300C	42 34'06"	70 59'47"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	0.60	-	0	0	WW OCEAN	SALEM HARBOR	SEE DANVERS DPW TOTAL	
IPSWICH	LYNNFIELD	IPSWICH RIVER	31A-164-301	42 34'20"	71 03'01"	NORTH COASTAL	LYNN	LYNN WATER & SEWER	8.30	10.47	8.34	10.25	W OCEAN	LYNN HARBOR		
IPSWICH	LYNNFIELD	STATION #2 WELL	31A-164-303A	42 33'24"	71 02'39"	IPSWICH/NORTH COASTAL	LYNNFIELD	LYNNFIELD CENTER WD	0.19	0.29	0.26	0.43	W NORTH COASTAL			
IPSWICH	PEABODY	IPSWICH RIVER	31A-229-302B			NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL	
IPSWICH	PEABODY	SUNTAUG LAKE	31A-229-300B	42 31'19"	71 00'35"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL	
IPSWICH	PEABODY	WINONA POND	31A-229-301B	42 32'05"	71 00'35"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	3.14	6.10	2.49	5.06	WW OCEAN	SALEM HARBOR	PEABODY WATER DEPT TOTAL	
IPSWICH	PEABODY	PINE ST. WELL	31A-229-207A	42 32'43"	70 58'50"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL	
IPSWICH	PEABODY	JOHNSON ST. WELL	31A-229-207A	42 58'43"	70 58'50"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL	
IPSWICH	READING	HUNDRED ACRE WELLS	31A-246-204A	42 33'04"	71 07'45"	IPSWICH/MYSTIC	READING	READING WATER DEPT	1.82	3.84	2.64	3.89	WW OCEAN	BOSTON	READING WATER DEPT TOTAL	
IPSWICH	READING	REVAY WELL #1	31A-246-307A	42 30'57"	71 07'04"	IPSWICH/MYSTIC	READING	READING WATER DEPT	-	-	-	-	WW OCEAN	BOSTON	SEE READING WATER DEPT TOTAL	
IPSWICH	WENHAM/BEVERLY	WENHAM LAKE	31A-320-303B	42 35'29"	70 53'32"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	10.60	15.80	9.71	14.09	WW OCEAN	SALEM HARBOR	S/B WATER SUPPLY BOARD TOTAL	
IPSWICH	TOPSFIELD	IPSWICH RIVER				NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL	
IPSWICH	DANVERS	PUTNAMVILLE RES.	31A-071-302B	42 36'00"	70 55'46"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL	
IPSWICH	WENHAM	LONGHAM RES.	31A-320-300B	42 35'37"	70 50'54"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL	
TOTAL										27.06	41.42	26.61	38.17			

TRANSFERS INTO AND THEN OUT OF IPSWICH BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
MYSTIC	BURLINGTON	WELL #8	31A-347-302	42 29'29"	71 10'15"	SHAWSHEEN/IPSWICH/MYSTIC	BURLINGTON	BURLINGTON DPW	0.13	0.26	0.21	0.32	WW OCEAN	BOSTON	
SHAWSHEEN	BURLINGTON	MILL PD RES, 6 WELLS	31A-048-310	42 30'45"	71 10'35"	SHAWSHEEN/MYSTIC/IPSWICH	BURLINGTON	BURLINGTON DPW	2.97	5.94	3.23	4.98	WW OCEAN	BOSTON	
						NORTH COASTAL/IPSWICH	PEABODY	MDC	2.32	3.60	0.96	1.95	W OCEAN	SALEM HARBOR	PARTIALLY-SUPPLIED COMMUNITY

TABLE 11 - MERRIMACK BASIN

TRANSFERS INTO MERRIMACK BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY WW	DISCHARGE COMMUNITY	REMARKS
SHAWSHEEN	TEWKSBURY	7 WELLS				SHAWSHEEN/MERRIMACK	TEWKSBURY	TEWKSBURY DPW W DIV	2.16	4.02	2.36	2.71	W MERRIMACK	TEWKSBURY	TEWKSBURY	INTRA-TOWN, INTERBASIN TRANSFER
									TOTAL							

TRANSFERS OUT OF MERRIMACK BASIN

NONE

TRANSFERS INTO AND THEN OUT OF MERRIMACK BASIN

NONE

TABLE 12 - NARRAGANSETT BAY AND MOUNT HOPE BAY SHORE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	TRANSFERS INTO NARRAGANSETT BAY AND MOUNT HOPE BAY SHORE BASINS					DISCHARGE COMMUNITY	REMARKS	
									1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE WW		
BUZZARDS BAY	FALL RIVER	COPICUT RESERVOIR	41A-095-032B	41 42'31"	71 02'12"	BUZZARDS BAY/TAUNTON	FALL RIVER	FALL RIVER W DEPT	15.30	21.40	13.92	18.69	W	NARR. BAY	FALL RIVER	INTRA-TOWN, INTERBASIN TRANSFER
								TOTAL	15.30	21.40	13.92	18.69				

TRANSFERS OUT OF NARRAGANSETT BAY
AND MOUNT HOPE BAY SHORE BASIN

NONE

TRANSFERS INTO AND THEN OUT OF NARRAGANSETT BAY
AND MOUNT HOPE BAY SHORE BASIN

NONE

TABLE 13 - NASHUA BASIN

TRANSFERS INTO NASHUA BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE WW	DISCHARGE COMMUNITY	REMARKS
CHICOOPEE	HUBBARDSTON	BICKFORD POND	21A-140-300B	42 29'15"	71 55'45"	NASHUA	FITCHBURG	FITCHBURG WATER DEPT	1.63	2.46	0.00	0.00	W	NASHUA	FITCHBURG	SEE FITCHBURG WATER DEPT TOTAL
CHICOOPEE	WESTMINSTER	MARE MEADOW RES.	21A-332-305B	42 30'00"	72 55'50"	NASHUA	FITCHBURG	FITCHBURG WATER DEPT	1.62	2.45	1.14	7.60	W	NASHUA	FITCHBURG	1985 USED PART YR (ADD REDUCED)
								TOTAL	3.25	4.91	1.14	7.60				

TRANSFERS OUT OF NASHUA BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE WW	DISCHARGE COMMUNITY	REMARKS
NASHUA	RUTLAND	MUSCHOPAUGE POND	21A-257-300B	42 23'00"	71 55'23"	NASHUA/BLACKSTONE	HOLDEN	HOLDEN WATER DEPT	0.16	0.28	0.16	0.28	W	BLACKSTONE	MILLBURY	
NASHUA	PAXTON	ASNCBUMSKIT POND	21A-228-308B	42 21'17"	72 54'30"	NASHUA/BLACKSTONE	PAXTON	PAXTON WATER DEPT	0.24	0.47	0.25	0.57	W	BLACKSTONE	MILLBURY	
NASHUA	RUTLAND	MUSCHOPAUGE POND	21A-257-300B	42 23'00"	71 55'23"	NASHUA/CHICOOPEE	RUTLAND	RUTLAND WATER DEPT	0.24	0.50	0.34	0.46	W	BLACKSTONE	MILLBURY	
NASHUA	HOLDEN	KENDALL RES.	21A-134-303B	42 39'28"	71 53'25"	BLACKSTONE	WORCESTER	WORCESTER PWD	-	-	-	-	W	BLACKSTONE	MILLBURY	SEE WORCESTER PWD TOTAL
NASHUA	HOLDEN	QUINAPOXET RES.	21A-134-305B	42 24'33"	71 53'06"	BLACKSTONE	WORCESTER	WORCESTER PWD	-	-	-	-	W	BLACKSTONE	MILLBURY	SEE WORCESTER PWD TOTAL
NASHUA	PAXTON	PINE HILL RES.	21A-228-307B	42 20'38"	72 55'10"	BLACKSTONE	WORCESTER	WORCESTER PWD	17.00	22.81	9.61	13.18	W	BLACKSTONE	MILLBURY	WORCESTER PWD TOTAL
								TOTAL	17.64	24.06	10.36	14.49				

MDC DIVERSIONS OUT OF THE BASIN ARE LISTED IN TABLE 19

TRANSFERS INTO AND THEN OUT OF NASHUA BASIN

NONE

TABLE 14 - NORTH COASTAL BASIN

TRANSFERS INTO NORTH COASTAL BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS
IPSWICH	LYNNFIELD	STATION #2 WELL	31A-164-303A	42 33'24"	71 02'39"	IPSWICH/NORTH COASTAL NORTH COASTAL	LYNNFIELD	LYNNFIELD CENTER WD LYNNFIELD WD	0.19 0.44	0.29 0.90	0.26 0.38	0.43 0.77	W OR BASIN	NORTH COASTAL	FULLY-SUPPLIED COMMUNITY
									TOTAL					WW	

TRANSFERS OUT OF NORTH COASTAL BASIN

NONE

TRANSFERS INTO AND THEN OUT OF NORTH COASTAL BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS	
IPSWICH	NORTH READING	SWAN POND	31A-213-304B	42 35'18"	71 02'51"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	-	-	-	-	WW	OCEAN	SALEM HARBOR	NOT NOW USED? SEE DANVERS TOTAL
IPSWICH	MIDDLETON	MIDDLETON POND	31A-184-300B	42 35'30"	71 09'39"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	2.41	4.92	2.98	4.45	WW	OCEAN	SALEM HARBOR	DANVERS DPW TOTAL
IPSWICH	MIDDLETON	ROUTE 114 WELL (1)	31A-184-200A	42 34'34"	70 59'38"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	0	0	0.19	-	WW	OCEAN	SALEM HARBOR	SEE DANVERS DPW TOTAL
IPSWICH	DANVERS	BUXTON RD. WELL (2)	31A-071-300C	42 34'06"	70 59'47"	NORTH COASTAL/IPSWICH	DANVERS/MIDDLETON	DANVERS DPW	0.60	-	0	0	WW	OCEAN	SALEM HARBOR	SEE DANVERS DPW TOTAL
IPSWICH	LYNNFIELD	IPSWICH RIVER	31A-164-301	42 34'20"	71 03'01"	NORTH COASTAL	LYNN	LYNN WATER & SEWER	8.30	10.47	8.34	10.25	W	OCEAN	LYNN HARBOR	FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	WINTHROP	MDC	2.08	3.13	2.01	3.05	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	REVERE	MDC	4.64	5.44	4.59	6.78	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	MARBLEHEAD	MDC	2.16	4.31	2.03	3.25	W	OCEAN	SALEM HARBOR	FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	SAUGUS	MDC	3.78	7.66	3.96	6.00	W	OCEAN		FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	SWAMPSMOTT	MDC	1.97	2.39	1.96	3.51	W	OCEAN		FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	NAHANT	MDC	0.40	0.59	0.45	0.81	W	OCEAN		FULLY-SUPPLIED COMMUNITY
						NORTH COASTAL	WAKEFIELD	MDC	1.64	2.81	2.36	3.42	W	OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
						NORTH COASTAL/IPSWICH	PEABODY	MDC	2.32	3.60	0.96	1.95	W	OCEAN	SALEM HARBOR	PARTIALLY-SUPPLIED COMMUNITY
						NORTH COASTAL	LYNN	MDC	2.30	2.93	2.26	2.78	W	OCEAN	LYNN HARBOR	PARTIALLY-SUPPLIED COMMUNITY
IPSWICH	PEABODY	IPSWICH RIVER	31A-229-302B			NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL
IPSWICH	PEABODY	SUNTAUG LAKE	31A-229-300B	42 31'19"	71 00'35"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL
IPSWICH	PEABODY	WINONA POND	31A-229-301B	42 32'05"	71 00'35"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	3.14	6.10	2.49	5.06	WW	OCEAN	SALEM HARBOR	PEABODY WATER DEPT TOTAL
IPSWICH	PEABODY	PINE ST. WELL	31A-229-207A	42 32'43"	70 58'50"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL
IPSWICH	PEABODY	JOHNSON ST. WELL	31A-229-207A	42 58'43"	70 58'50"	NORTH COASTAL/IPSWICH	PEABODY	PEABODY WATER DEPT	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE PEABODY WATER DEPT TOTAL
IPSWICH	WENHAM	WENHAM LAKE	31A-320-303B	42 35'29"	70 53'32"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	10.60	15.80	9.71	14.09	WW	OCEAN	SALEM HARBOR	S/B WATER SUPPLY BOARD TOTAL
IPSWICH	TOPSFIELD	IPSWICH RIVER				NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL
IPSWICH	DANVERS	PUTNAMVILLE RES.	31A-071-302B	42 36'00"	70 55'46"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL
IPSWICH	WENHAM	LONGHAM RES.	31A-320-300B	42 35'37"	70 50'54"	NORTH COASTAL/IPSWICH	BEVERLY/SALEM	S/B WATER SUPPLY BRD	-	-	-	-	WW	OCEAN	SALEM HARBOR	SEE S/B WATER SUPPLY BOARD TOTAL
MYSTIC	WAKEFIELD	CRYSTAL LAKE	31A-305-301	42 29'28"	71 04'26"	MYSTIC/NORTH COASTAL	WAKEFIELD	WAKEFIELD	0.79	1.35	0.45	0.71	WW	OCEAN	BOSTON	1985 MDD BASED ON '82-'84 RATIOS

TABLE 15 - SHAWSHEEN BASIN

TRANSFERS INTO SHAWSHEEN BASIN
NONE

TRANSFERS OUT OF SHAWSHEEN BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
SHAWSHEEN	BEDFORD	WELL #2	31A-023-304A	42 29'33"	71 25'29"	SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	0.27	0.61	0.72	1.13	WW OCEAN	BOSTON	BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #3				SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	BOSTON	SEE BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #4	31A-023-308H			SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	BOSTON	SEE BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BEDFORD	WELL #5	31A-023-310H			SHAWSHEEN/CONCORD	BEDFORD	BEDFORD WATER DEPT	-	-	-	-	WW OCEAN	BOSTON	SEE BEDFORD WATER DEPT TOTAL
SHAWSHEEN	BURLINGTON	MILL PD RES, 6 WELLS	31A-048-310	42 30'45"	71 10'35"	SHAWSHEEN/MYSTIC/IPSWICH	BURLINGTON	BURLINGTON DPW	2.97	5.94	3.23	4.98	WW OCEAN	BOSTON	
SHAWSHEEN	TEWKSBURY	7 WELLS				SHAWSHEEN/MERRIMACK	TEWKSBURY	TEWKSBURY DPW W DIV	2.16	4.02	2.36	2.71	W MERRIMACK	TEWKSBURY	INTRA-TOWN, INTERBASIN TRANSFER
TOTAL									5.40	10.57	6.31	8.82			

TRANSFERS INTO AND THEN OUT OF SHAWSHEEN BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
CONCORD	BILLERICA	CONCORD RIVER	31A-031-304B	42 33'52"	71 17'04"	SHAWSHEEN/CONCORD	BEDFORD	BILLERICA DPW	0.19	0.48	0.08	0.13	WW OCEAN	BOSTON	APPROX FOR 1985 (BASED ON 1986)
MYSTIC	BURLINGTON	WELL #8	31A-347-302	42 29'29"	71 10'15"	SHAWSHEEN/IPSWICH/MYSTIC	BURLINGTON	BURLINGTON DPW	0.13	0.26	0.21	0.32	WW OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
						SHAWSHEEN	LEXINGTON	MDC	5.80	11.66	6.13	12.90	W OCEAN	BOSTON	

TABLE 16 - SOUTH COASTAL BASIN

TRANSFERS INTO SOUTH COASTAL BASIN
NONE

TRANSFERS OUT OF SOUTH COASTAL BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN	DISCHARGE COMMUNITY	REMARKS
SOUTH COASTAL	PEMBROKE	GREAT SANDY BOTTM PD	41A-231-310B	42 03'12"	70 49'56"	TAUNTON	ABINGTON	ABINGTON/ROCKLAND WW	0.45	0.78	1.46	1.88	W TAUNTON	ABINGTON	
SOUTH COASTAL	PEMBROKE	SILVER LAKE	41A-231-306B	42 01'09"	70 48'30"	TAUNTON	BROCKTON/WHITMAN	BROCKTON WATER DEPT	7.00	11.43	7.56	10.11	W TAUNTON	BROCKTON/WHITMAN	BROCKTON WATER DEPT TOTAL
SOUTH COASTAL	PEMBROKE	FURNACE POND	41A-231-308B	42 03'24"	70 49'39"	TAUNTON	BROCKTON/WHITMAN	BROCKTON WATER DEPT	-	-	0.89	1.19	W TAUNTON	BROCKTON	SEE BROCKTON WATER DEPT TOTAL
								TOTAL	7.45	12.21	9.91	13.18			

TRANSFERS INTO AND THEN OUT OF SOUTH COASTAL BASIN

NONE

TABLE 17 - TAUNTON BASIN

TRANSFERS INTO TAUNTON BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS
														WW	
SOUTH COASTAL	PEMBROKE	GREAT SANDY BOTTM PD	41A-231-310B	42 03'12"	70 49'56"	TAUNTON	ABINGTON	ABINGTON/ROCKLAND WW	0.45	0.78	1.46	1.88	W	TAUNTON	ABINGTON
SOUTH COASTAL	PEMBROKE	SILVER LAKE	41A-231-306B	42 01'09"	70 48'30"	TAUNTON	BROCKTON/WHITMAN	BROCKTON WATER DEPT	7.00	11.43	7.56	10.11	W	TAUNTON	BROCKTON/WHITMAN BROCKTON WATER DEPT TOTAL
SOUTH COASTAL	PEMBROKE	FURNACE POND	41A-231-308B	42 03'24"	70 49'39"	TAUNTON	BROCKTON/WHITMAN	BROCKTON WATER DEPT	-	-	0.89	1.19	W	TAUNTON	BROCKTON SEE BROCKTON WATER DEPT TOTAL
TEN MILE	MANSFIELD	ALBERTINI WELL #1				TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	-	-	0.00	0.00	W	TAUNTON	MANSFIELD SEE 1980 TOTAL FOR WELL #2
TEN MILE	MANSFIELD	ALBERTINI WELL #2				TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.67	0.77	-	-	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	ALBERTINI WELL #3	41A-167-307A	42 00'02"	71 16'40"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.00	0.00	0.26	0.43	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	ALBERTINI WELL #4	41A-167-308A	42 00'06"	71 16'24"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.00	0.00	0.03	0.05	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	WITCH POND WELL	41A-167-315A	42 00'39"	71 17'03"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.45	0.51	0.40	0.66	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
								TOTAL	8.57	13.49	10.60	14.32			

TRANSFERS OUT OF TAUNTON BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS	
														WW		
TAUNTON	MANSFIELD	WADING R. WELLFIELD				TEN MILE/TAUNTON	ATTLEBORO	ATTLEBORO WATER DIV	1.50	1.88	1.84	2.77	W	TEN MILE	ATTLEBORO	
TAUNTON	LAKEVILLE	GREAT QUITTACUS POND	41A-146-306B	41 48'00"	70 53'55"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD SEE NEW BEDFORD WTR DEPT TOTAL	
TAUNTON	LAKEVILLE	LITTLE QUITTACUS PD	41A-146-307B	41 47'31"	70 54'59"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	18.56	31.77	17.95	23.49	W	BUZZARDS BAY	NEW BEDFORD NEW BEDFORD WATER DEPT. TOTAL	
TAUNTON	LAKEVILLE	LONG POND	41A-146-304B	41 48'16"	70 54'51"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD SEE NEW BEDFORD WATER DEPT. TOTA	
TAUNTON	LAKEVILLE	ASSWOMPSETT POND	41A-146-300B	41 50'15"	70 54'51"	BUZZARD'S BAY	NEW BEDFORD	NEW BEDFORD WTR DEPT	-	-	-	-	W	BUZZARDS BAY	NEW BEDFORD SEE NEW BEDFORD WATER DEPT TOTAL	
TAUNTON	PLAINVILLE	TURNPIKE LAKE WELL#1	41A-238-301A	42 00'37"	71 18'47"	TEN MILE/TAUNTON	PLAINVILLE	PLAINVILLE WATER DEP	0.19	0.21	0.17	0.29	W	TEN MILE	NORTH ATTLEBORO INTRA-TOWN, INTERBASIN TRANSFER	
TAUNTON	PLAINVILLE	TURNPIKE LAKE WELL#2	41A-238-200A	42 00'37"	71 18'47"	TEN MILE/TAUNTON	PLAINVILLE	PLAINVILLE WATER DEP	0.27	0.31	0.24	0.40	W	TEN MILE	NORTH ATTLEBORO INTRA-TOWN, INTERBASIN TRANSFER	
TAUNTON	SHARON	WELL #5	41A-266-302A	42 05'10"	71 12'32"	NEPONSET/TAUNTON	SHARON	SHARON DPW	0.41	1.01	0.32	0.61	WW	OCEAN		TOTAL FOR SHARON'S TAUNTON BASIN
TAUNTON	SHARON	WELL #6	41A-266-303A	42 05'15"	71 11'39"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.21	0.40	WW	OCEAN		TOTAL FOR SHARON'S TAUNTON BASIN
TAUNTON	STOUGHTON	FENNEL WELL	41A-285-204A	42 06'01"	71 07'29"	TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.65	1.90	0.56	0.63	WW	OCEAN	QUINCY	STOUGHTON'S TAUNTON BASIN TOTAL
TAUNTON	STOUGHTON	MCNAMARA WELL				TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.43	-	0.36	0.41	WW	OCEAN	QUINCY	SEE STOUGHTONS TAUNTON BASIN TOT
TAUNTON	STOUGHTON	GURNEY WELL				TAUNTON/NEPONSET	STOUGHTON	STOUGHTON WATER DIV	0.14	-	0.23	0.26	WW	OCEAN	QUINCY	SEE STOUGHTONS TAUNTON BASIN TOT
								TOTAL	22.15	37.08	21.88	29.28				

TRANSFERS INTO AND THEN OUT OF TAUNTON BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS	
														WW		
BUZZARDS BAY	FALL RIVER	COPICUT RESERVOIR	41A-095-032B	41 42'31"	71 02'12"	BUZZ BAY/TAUNTON/NARR BAY	FALL RIVER	FALL RIVER W DEPT	15.30	21.40	13.92	18.69	W	NARR. BAY	FALL RIVER	INTRA-TOWN, INTERBASIN TRANSFER
NEPONSET	SHARON	WELL #2	41A-266-200A	42 07'09"	71 11'33"	NEPONSET/TAUNTON	SHARON	SHARON DPW	0.85	2.09	0.05	0.10	WW	OCEAN		TOTAL FOR SHARONS NEPONSET BASIN
NEPONSET	SHARON	WELL #3	41A-266-201A	42 06'52"	71 11'11"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.17	0.33	WW	OCEAN		SEE TOTAL FOR SHARONS NEPONSET B
NEPONSET	SHARON	WELL #4	41A-266-206A	42 07'35"	71 11'04"	NEPONSET/TAUNTON	SHARON	SHARON DPW	-	-	0.40	0.75	WW	OCEAN		SEE TOTAL FOR SHARONS NEPONSET B
NEPONSET	STOUGHTON	MUDDY POND WELL		42 06'49"	71 07'56"	NEPONSET/TAUNTON	STOUGHTON	STOUGHTON WATER DIV	0.50	1.82	0.42	0.48	WW	OCEAN	QUINCY	STOUGHTON'S NEPONSET BASIN TOTAL
NEPONSET	STOUGHTON	HARRIS POND WELL		42 07'40"	71 08'17"	NEPONSET/TAUNTON	STOUGHTON	STOUGHTON WATER DIV	0.67	-	0.62	0.70	WW	OCEAN	QUINCY	SEE STOUGHTON'S NEP. BASIN TOTAL

TABLE 18 - TEN MILE BASIN

TRANSFERS INTO TEN MILE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS
TAUNTON	MANSFIELD	WADING R. WELLFIELD				TEN MILE/TAUNTON	ATTLEBORO	ATTLEBORO WATER DIV	1.50	1.88	1.84	2.77	W	TEN MILE	ATTLEBORO
TAUNTON	PLAINVILLE	TURNPIKE LAKE WELL#1	41A-238-301A	42 00'37"	71 18'47"	TEN MILE/TAUNTON	PLAINVILLE	PLAINVILLE WATER DEP	0.19	0.21	0.17	0.29	W	TEN MILE	NORTH ATTLEBORO INTRA-TOWN, INTERBASIN TRANSFER
TAUNTON	PLAINVILLE	TURNPIKE LAKE WELL#2	41A-238-200A	42 00'37"	71 18'47"	TEN MILE/TAUNTON	PLAINVILLE	PLAINVILLE WATER DEP	0.27	0.31	0.24	0.40	W	TEN MILE	NORTH ATTLEBORO INTRA-TOWN, INTERBASIN TRANSFER
								TOTAL	1.08	2.40	2.25	3.46			

TRANSFERS OUT OF TEN MILE BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MDD	1985 ADD	1985 MDD	W OR BASIN	DISCHARGE COMMUNITY	REMARKS
TEN MILE	MANSFIELD	ALBERTINI WELL #1				TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	-	-	0.00	0.00	W	TAUNTON	MANSFIELD SEE 1980 TOTAL FOR WELL #2
TEN MILE	MANSFIELD	ALBERTINI WELL #2				TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.67	0.77	-	-	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	ALBERTINI WELL #3	41A-167-307A	42 00'02"	71 16'40"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.00	0.00	0.26	0.43	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	ALBERTINI WELL #4	41A-167-308A	42 00'06"	71 16'24"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.00	0.00	0.03	0.05	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
TEN MILE	MANSFIELD	WITCH POND WELL	41A-167-315A	42 00'39"	71 17'03"	TEN MILE/TAUNTON	MANSFIELD	MANSFIELD WATER DEPT	0.45	0.51	0.40	0.66	W	TAUNTON	MANSFIELD INTRA-TOWN, INTERBASIN TRANSFER
								TOTAL	1.12	1.28	0.69	1.14			

TRANSFERS INTO AND THEN OUT OF TEN MILE BASIN

NONE

TABLE 19 - WESTFIELD BASIN

TRANSFERS INTO WESTFIELD BASIN

NONE

TRANSFERS OUT OF WESTFIELD BASIN

SOURCE BASIN	SOURCE COMMUNITY	SOURCE	DEQE NO.	LATITUDE	LONGITUDE	USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980 ADD	1980 MOD	1985 ADD	1985 MDD	W DISCHARGE OR BASIN WW	DISCHARGE COMMUNITY	REMARKS
WESTFIELD	HOLYOKE	WELLFIELD	11A-137-302A	42 10'40"	72 54'25"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	0.02	0.03	0.07	0.10	W CONNECTICUT	HOLYOKE	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	HOLYOKE	WRIGHT & ASHLEY PONDS	11A-137-304B	42 10'51"	72 39'30"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	-	-	3.78	5.44	W CONNECTICUT	HOLYOKE	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	HOLYOKE	MCLEAN RESERVOIR	11A-137-303B	42 10'40"	72 40'15"	WESTFIELD/CONNECTICUT	HOLYOKE	HOLYOKE WATER DEPT	2.80	3.86	3.77	5.43	W CONNECTICUT	HOLYOKE	INTRA-TOWN, INTERBASIN TRANSFER
WESTFIELD	BLANDFORD	COBBLE MTN BROOK RES	11A-033-300B	42 08'00"	73 54'30"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	36.40	56.36	37.20	55.50	W CONNECTICUT	AGAWAM	SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	BLANDFORD	BORDEN BROOK RES	11A-033-301B	42 07'45"	72 56'45"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	-	-	-	-	W CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	CHESTER	LITTLEVILLE RES	11A-059-301B	42 16'45"	72 53'15"	CONNECTICUT/CHICOPEE	SPRINGFIELD	SPRINGFIELD WTR DEPT	0	0	-	-	W CONNECTICUT	AGAWAM	SEE SPRINGFIELD WTR DEPT TOTAL
WESTFIELD	SOUTHWICK	WELL #1(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #2(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #3(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	-	-	0	0	W CONNECTICUT	AGAWAM	SEE W SPFLD SYSTEM TOTAL
WESTFIELD	SOUTHWICK	WELL #4(CLOSED 4/84)	11A-279-300A	42 04'28"	72 44'00"	CONNECTICUT/WESTFIELD		W SPRINGFIELD	2.90	5.13	0	0	W CONNECTICUT	AGAWAM	W SPFLD SYSTEM TOTAL
WESTFIELD	W SPRINGFIELD	BEARHOLE RESERVOIR	11A-325-300B	42 07'49"	72 40'52"	CONNECTICUT/WESTFIELD	W SPRINGFIELD	W SPRINGFIELD	1.11	1.96	1.00	1.67	W CONNECTICUT	AGAWAM	1985 MDD BASED ON '83 RATIO
									TOTAL	43.23	67.34	45.82	68.14		

TRANSFERS INTO AND THEN OUT OF WESTFIELD BASIN

NONE

TABLE 20 - TRANSFERS OUT OF CHICOPEE AND NASHUA BASINS
(MDC DIVERSIONS)

USER BASIN	USER COMMUNITY	DISTRIBUTOR	1980	1980	1985	1985	W	DISCHARGE	DISCHARGE COMMUNITY	REMARKS
			ADD	MDD	ADD	MDD	OR BASIN	WW		
MYSTIC	ARLINGTON	MDC	4.76	8.90	4.96	8.67	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	BELMONT	MDC	3.02	4.45	2.81	7.41	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	CHELSEA	MDC	3.38	5.61	4.02	6.32	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	EVERETT	MDC	8.47	13.10	8.96	12.94	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	MALDEN	MDC	5.43	6.20	5.22	8.20	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	MEDFORD	MDC	8.98	10.03	7.67	12.15	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	MELROSE	MDC	2.81	5.44	3.59	5.34	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	SOMERVILLE	MDC	9.80	10.31	10.37	15.41	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
MYSTIC	STONEHAM	MDC	3.58	6.50	3.55	5.46	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	WINTHROP	MDC	2.08	3.13	2.01	3.05	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	REVERE	MDC	4.64	5.44	4.59	6.78	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
CHARLES	WATERTOWN	MDC	4.72	7.05	3.43	6.13	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
CHARLES	WALTHAM	MDC	11.50	13.30	8.92	15.19	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
SHAWSHEEN	LEXINGTON(BEDFOR	MDC	5.80	11.66	6.13	12.90	W	OCEAN	BOSTON	FULLY-SUPPLIED COMMUNITY
NEPONSET	MILTON	MDC	2.98	3.60	2.84	4.67	W	OCEAN	QUINCY	FULLY-SUPPLIED COMMUNITY
NEPONSET	NORWOOD	MDC	4.35	7.10	4.49	7.55	W	OCEAN	QUINCY	FULLY-SUPPLIED COMMUNITY
WEYMOUTH/WEIR	QUINCY	MDC	11.72	18.14	11.01	15.26	W	OCEAN	QUINCY	FULLY-SUPPLIED COMMUNITY
CHARLES	BOSTON	MDC	135.2	223.8	119.3	179.8	W	OCEAN	BOSTON /QUINCY	FULLY-SUPPLIED COMMUNITY
CHARLES	BROOKLINE	MDC	7.15	12.69	7.37	14.01	W	OCEAN	BOSTON /QUINCY	FULLY-SUPPLIED COMMUNITY
CHARLES	NEWTON	MDC	11.11	21.00	10.10	17.37	W	OCEAN	BOSTON /QUINCY	FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	MARBLEHEAD	MDC	2.16	4.31	2.03	3.25	W	OCEAN	SALEM HARBOR	FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	SAUGUS	MDC	3.78	7.66	3.96	6.00	W	OCEAN		FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	SWAMPSCOTT	MDC	1.97	2.39	1.96	3.51	W	OCEAN		FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	LYNNFIELD WD	MDC	0.44	0.90	0.38	0.77	W	NORTH COASTAL		FULLY-SUPPLIED COMMUNITY
NORTH COASTAL	NAHANT	MDC	0.40	0.59	0.45	0.81	W	OCEAN		FULLY-SUPPLIED COMMUNITY
CONCORD	SOUTHBORO	MDC	0.52	1.01	0.54	1.03	W	CONCORD		FULLY-SUPPLIED COMMUNITY
CHARLES	WESTON	MDC	1.14	3.04	1.16	2.77	W	CHARLES		FULLY-SUPPLIED COMMUNITY
CONNECTICUT	S. HADLEY F.D.1	MDC	2.18	3.86	2.16	4.31	W	CONNECTICUT		FULLY-SUPPLIED COMMUNITY
CHICOPEE	CHICOPEE	MDC	10.33	17.12	9.47	15.5	WW	CONNECTICUT		FULLY-SUPPLIED COMMUNITY
CHARLES/MYSTIC	CAMBRIDGE	MDC	0.07	0.12	0.53	0.75	W	OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
MYSTIC	WOBURN	MDC	1.05	1.35	3.27	4.19	W	OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
NORTH COASTAL	WAKEFIELD	MDC	1.64	2.81	2.36	3.42	W	OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
MYSTIC	WINCHESTER	MDC	3.03	6.20	2.40	4.25	W	OCEAN	BOSTON	PARTIALLY-SUPPLIED COMMUNITY
CHARLES	NEEDHAM	MDC	1.08	2.44	0.51	1.15	W	OCEAN	QUINCY	PARTIALLY-SUPPLIED COMMUNITY
NEPONSET	CANTON	MDC	1.45	1.98	2.28	3.30	W	OCEAN	QUINCY	PARTIALLY-SUPPLIED COMMUNITY
CONCORD	FRAMINGHAM	MDC	8.42	15.10	9.42	15.56	W	OCEAN	QUINCY	PARTIALLY-SUPPLIED COMMUNITY
NORTH COASTAL/IPSWICH	PEABODY	MDC	2.32	3.60	0.96	1.95	W	OCEAN	SALEM HARBOR	PARTIALLY-SUPPLIED COMMUNITY
CONCORD	MARLBORO	MDC	3.78	6.12	3.15	4.64	W	CONCORD	MARLBORO	PARTIALLY-SUPPLIED COMMUNITY
CONCORD	NORTHBORO	MDC	0.06	0.14	0.18	0.31	W	CONCORD	MARLBORO	PARTIALLY-SUPPLIED COMMUNITY
NORTH COASTAL	LYNN	MDC	2.30	2.93	2.26	2.78	W	OCEAN	LYNN HARBOR	PARTIALLY-SUPPLIED COMMUNITY

TOTAL 299.8 481.1 280.8 444.9